

## EXHIBIT 5

**Patent Statement and Licensing Declaration Form for ITU-T/ITU-R Recommendation |  
ISO/IEC Deliverable**



**Patent Statement and Licensing Declaration  
for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable**

*This declaration does not represent an actual grant of a license*

Please return to the relevant organization(s) as instructed below per document type:

<b>Director</b>	<b>Director</b>	<b>Secretary-General</b>	<b>General Secretary</b>
Telecommunication Standardization Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: <a href="mailto:tsbdir@itu.int">tsbdir@itu.int</a>	Radiocommunication Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785 Email: <a href="mailto:brmail@itu.int">brmail@itu.int</a>	International Organization for Standardization 1 Chemin de la Voie-Creusc CH-1211 Geneva 20 Switzerland Fax: +41 22 733 3430 Email: <a href="mailto:patent.statements@iso.org">patent.statements@iso.org</a>	International Electrotechnical Commission 3 rue de Varembe CH-1211 Geneva 20 Switzerland Fax: +41 22 919 0300 Email: <a href="mailto:inmail@iec.ch">inmail@iec.ch</a>

**Patent Holder:**

Legal Name Motorola Mobility, Inc

**Contact for license application:**

Name & Department Ray Warren, Law Department

Address 600 N. US Highway 45

Libertyville, Illinois, U.S.A.

Tel. +1-847-523-0668

Fax +1-847-761-4731

E-mail Ray.Warren@motorola.com

URL (optional) \_\_\_\_\_

**Document type:**



ITU-T Rec. (\*)



ITU-R Rec. (\*)



ISO Deliverable (\*)



IEC Deliverable (\*)

(please return the form to the relevant Organization)



Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (\*)) (for common text or twin text, please return the form to each of the three Organizations: ITU-T, ISO, IEC)



ISO/IEC Deliverable (\*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number ITU-T H.264(03/2010)

(\*)Title Advanced video coding for generic audiovisual services

**Licensing declaration:**

The Patent Holder believes that it holds granted and/or pending applications for patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):



1. The Patent Holder is prepared to grant a free of charge license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.

Also mark here \_\_\_ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

Also mark here \_\_\_ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not free of charge) to applicants who are only willing to license their patent claims, whose use would be required to implement the above document, on reasonable terms and conditions (but not free of charge).



2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.

Also mark here ☒ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.



3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the patent claims covering the above document.

**Free of charge:** The words "free of charge" do not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, "free of charge" refers to the issue of monetary compensation; i.e., that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

**Reciprocity:** As used herein, the word "reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its essential patent(s) or essential patent claim(s) for implementation of the same above document free of charge or under reasonable terms and conditions.

**Signature:**

Patent Holder

Motorola Mobility, Inc.

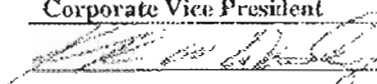
Name of authorized person

Kirk W. Dailey

Title of authorized person

Corporate Vice President

Signature



Place, Date

Libertyville, Illinois, U.S.A., December 8, 2010

FORM: 1 March 2007

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status (granted/ pending)	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	United States	6987888	FREQUENCY COEFFICIENT SCANNING PATHS FOR CODING DIGITAL VIDEO CONTENT
2	Granted	United States (Japan European Patent Convention)	7421025	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
3	Granted	United States (Japan European Patent Convention)	7310375	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
4	Granted	United States (European Patent Convention)	7310374	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
5	Granted	United States	7310376	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
6	Granted	United States	7310377	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
7	Granted	United States (European Patent Convention)	7477690	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
8	Granted	United States (European Patent Convention)	7817718	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
9	Granted	United States (China P.R. European Patent Convention  Republic of Korea Mexico)	7769087	PICTURE LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
10	Granted	United States (China P.R. European Patent Convention  Mexico)	7660353	PICTURE LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
11	Granted	United States	7162094	FREQUENCY COEFFICIENT SCANNING PATHS FOR DIGITAL VIDEO CONTENT

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

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**DISCLAIMER:** This database is not certified to be either accurate or complete, but only reflects the information that has been communicated to ITU-T secretariat. The references to patents or patent applications have been included as notified to ITU-T secretariat. ITU-T secretariat has not verified the veracity or accuracy of such statements, nor the relevance of the identified patents or patent applications to ITU-T Recommendations.

**Recommendation number:** T-REC-H.264

**Statement Id:** H264-30

**Patent holder/Organization:** General Instrument Corp

**Main contact:** Mr. Paul Bawel, Director, Law department

**Address:** 101 Tournament Drive  
Horsham, PA 19044  
United States

**Tel. No.:** +1 215 323 1907

**Fax. No.:** +1 215 323 1300

**Declaration form version:** 15 June 2002 (Common Text)

**Licensing declaration:** Option 2\_ The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, nondiscriminatory basis and on reasonable terms and conditions to use the patented material necessary in order to manufacture, use, and/or sell implementations of the above ITU-T Recommendation | ISO/IEC International Standard. The patent Holder's willingness to license is conditioned on reciprocity for the above ITU-T Recommendation | ISO/IEC International Standard. Negotiations of licenses are left to the parties concerned and are performed out side the ITU-T | ISO/IEC.

**Patent info:**

None
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**ITU-T registration date:** 2003-12-19

**Statement declaration date:** 2003-12-02

**Statement remarks:** (Note by TSB): General instrument corporation is a wholly owned subsidiary of Motorola. Motorola submitted the statement H264-91 on 2008-11-03 to provide updated information relative to this statement (see H264-91).

**ITU**  
International Telecommunication Union  
Telecommunication Standardization Sector



**ISO**  
International Organization for Standardization



**IEC**  
International Electrotechnical Commission



19 dec 2003  
H264-30

**Patent Statement and Licensing Declaration**

**for a common text or twin text ITU-T Recommendation | ISO/IEC International Standard**

*This form is only to be used for such common texts or twin texts  
This declaration does not represent an implied license grant*

Please return to both organizations:

Director  
Telecommunication Standardization Bureau  
International Telecommunication Union

Place des Nations  
CH-1211 Geneva 20,  
Switzerland  
Fax: +41 22 730 5851

Secretary General  
International Organization for Standardization

1 rue de Varrenbo  
CH-1211 Geneva 20  
Switzerland  
Fax: +41 22 734 1079

**Patent Holder/Organization:**

Legal Name General Instrument Corporation

**Contact for license application:**

Name & Department Paul Bewel  
Law Department

Address 101 Tournament Drive  
Hordham, PA 19044 USA

Tel. 215.323.1907

Fax 215.323.1300

E-mail \_\_\_\_\_

**ITU-T Recommendation | ISO/IEC International Standard:**

Number \_\_\_\_\_

Title \_\_\_\_\_

**Licensing declaration**

The Patent Holder believes that it holds granted patents and/or pending applications, the use of which would be required to implement the above ITU-T Recommendation | ISO/IEC International Standard and hereby declares, in accordance with the Statement on ITU-T Patent Policy (see ITU-T web site) and the ISO/IEC Patent Policy (JTC 1 Directives), that (check one box only).



1. The Patent Holder will grant a royalty-free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to use the patented material necessary in order to manufacture, use, and/or sell implementations of the above ITU-T Recommendation | ISO/IEC International Standard. Mark here ☐ if the Patent Holder's willingness to license is conditioned on reciprocity for the above ITU-T Recommendation | ISO/IEC International Standard.\*



2. The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to use the patented material necessary in order to manufacture, use, and/or sell implementations of the above ITU-T Recommendation | ISO/IEC International Standard. Mark here ☒ if the Patent Holder's willingness to license is conditioned on reciprocity for the above ITU-T Recommendation | ISO/IEC International Standard.\*

Negotiations of licenses are left to the parties concerned and are performed outside the ITU-T | ISO/IEC.



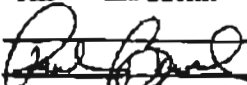
3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above. In this case, the following information must be provided as part of this declaration:

- patent registration/application number;
- an indication of which portions of the ITU-T Recommendation | ISO/IEC International Standard are affected;
- a description of the patent claims covering the ITU-T Recommendation | ISO/IEC International Standard;



"Reciprocity" means with respect to other parties that have a patent or patent claim required in the use or implementation of the relevant ITU-T Recommendation(s) / ISO/IEC International Standard(s), the Patent Holder shall only be required to license to such parties if they are willing to license their patents or patent claims under options 1 or 2 of the Patent Statement and Licensing Declaration.

**Signature**

Organization	General Instrument Corporation
Name of authorized person	Paul Rowel
Title of authorized person	Sector IP Law Director
Signature	
Place, Date	Northham, GA 2 December 2001

**DISCLAIMER:** This database is not certified to be either accurate or complete, but only reflects the information that has been communicated to ITU-T secretariat. The references to patents or patent applications have been included as notified to ITU-T secretariat. ITU-T secretariat has not verified the veracity or accuracy of such statements, nor the relevance of the identified patents or patent applications to ITU-T Recommendations.

**Recommendation number:** T-REC-H.264

**Statement Id:** H264-81

**Patent holder/Organization:** Motorola Inc.

**Main contact:** Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

**Address:** 1303 E. Algonquin Road  
Schaumburg, IL 60196  
United States

**Tel. No.:** +1 847 576 3055

**Fax. No.:** +1 847 538 3666

**Declaration form version:** 1 March 2007 (Individual, Common Text, General)

**Licensing declaration:** Option 2\_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.

**Patent info:**

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
6005 980		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264-81-01	
6 980 596		US		Macroblock level adaptive frame/field coding for digital video content	Granted		H264-81-02	



5235419		US		Adaptive motion compensation	Granted		H264- 81-03	
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**ITU-T registration  
date:**

2007-08-20

**Statement  
declaration date:**

2007-08-10

**Statement remarks:** The statement provides the complementary information to the statment  
H264-30 submitted on 19 December 2003.

**DISCLAIMER:** This database is not certified to be either accurate or complete, but only reflects the information that has been communicated to ITU-T secretariat. The references to patents or patent applications have been included as notified to ITU-T secretariat. ITU-T secretariat has not verified the veracity or accuracy of such statements, nor the relevance of the identified patents or patent applications to ITU-T Recommendations.

**Recommendation number:** T-REC-H.264

**Statement Id:** H264-91

**Patent holder/Organization:** Motorola Inc.

**Main contact:** Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

**Address:** 1303 E. Algonquin Road  
Schaumburg, IL 60196  
United States

**Tel. No.:** +1 847 576 3055

**Fax. No.:** +1 847 538 3666

**Declaration form version:** 1 March 2007 (Individual, Common Text, General)

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**Patent info:**

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
7620094		US		Frequency coefficient scanning paths for digital video content	Granted		H264-91-01	
RE 38564		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264-91-02	
5 376		US		Adaptive	Granted		H264-	

968				compression of digital video data			91-03	
6 807 317		US		Method and decoder system for reducing quantization effects of a decoded image	Granted		H264-91-04	
6 836 514		US		Method for the detection and recovery of errors in the frame overhead of digital video decoding systems	Granted		H264-91-05	

**ITU-T registration date:** 2008-11-03

**Statement declaration date:** 2008-10-29

**Statement remarks:** Motorola submitted this statement to provide updated information relative to their earlier statement in H.264-30 (submitted 2003-12-19).

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Please return to the relevant organization(s) as instructed below per document type:

<b>* Director</b>	<b>Director</b>	<b>Secretary-General</b>	<b>General Secretary</b>
Telecommunication Standardization Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: <a href="mailto:tsbdir@itu.int">tsbdir@itu.int</a>	Radiocommunication Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785 Email: <a href="mailto:brmail@itu.int">brmail@itu.int</a>	International Organization for Standardization 1 Chemin de la Voie-Creuse CH-1211 Geneva 20 Switzerland Fax: +41 22 733 3430 Email: <a href="mailto:patent.statements@iso.org">patent.statements@iso.org</a>	International Electrotechnical Commission 3 rue de Varembe CH-1211 Geneva 20 Switzerland Fax: +41 22 919 0300 Email: <a href="mailto:inmail@iec.ch">inmail@iec.ch</a>

**Patent Holder:**

Legal Name Motorola, Inc

**Contact for license application:**

Name & Department Latonia Gordon, Intellectual Property and Licensing Dept.

Address 1303 E. Algonquin Road, Schaumburg, IL 60196

Tel. +1 847-576-3055

Fax +1 847-538-3666

E-mail Latonia.Gordon@Motorola.com

URL (optional) \_\_\_\_\_

**Document type:**

☒ ITU-T Rec. (\*) ☐ ITU-R Rec. (\*) ☐ ISO Deliverable (\*) ☐ IEC Deliverable (\*)

(please return the form to the relevant Organization)

☒ **Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (\*))** (for common text or twin text, please return the form to each of the three Organizations: ITU-T, ISO, IEC)

☐ **ISO/IEC Deliverable (\*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number H.264(2005)-update I.D Number:H.264-30 submitted December 19,2003

(\*)Title Advanced Video Coding for Generic Audiovisual Services,

**Licensing declaration:**

The Patent Holder believes that it holds granted and/or pending applications for patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):



1. The Patent Holder is prepared to grant a free of charge license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.

Also mark here ☐ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

Also mark here ☐ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not free of charge) to applicants who are only willing to license their patent claims, whose use would be required to implement the above document, on reasonable terms and conditions (but not free of charge).



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Also mark here ☒ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.



3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the patent claims covering the above document.

**Free of charge:** The words "free of charge" do not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, "free of charge" refers to the issue of monetary compensation; i.e., that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

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**Signature:**

Patent Holder

Motorola, Inc.

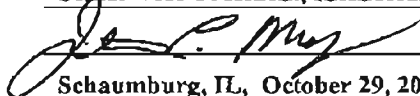
Name of authorized person

Jonathan Meyer

Title of authorized person

Senior Vice-President, Intellectual Property Licensing

Signature



Place, Date

Schaumburg, IL, October 29, 2008

FORM: 1 March 2007

<b>Patent Information</b> (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
<b>No.</b>	<b>Status</b> [granted/ pending]	<b>Country</b>	<b>Granted Patent Number or Application Number (if pending)</b>	<b>Title</b>
1	Granted	US	7,162,094	Frequency Coefficient Scanning Paths For Digital Video Content
2	Granted	US	RE38564	Motion Estimation And Compensation Of Video Object Planes For Interlaced Digital Video
3	Granted	US	5,376,968	Adaptive Compression Of Digital Video Data

**NOTE:** For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

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**Recommendation number:** T-REC-H.264

**Statement Id:** H264-101

**Patent holder/Organization:** Motorola Mobility, Inc

**Main contact:** Ray Warren, Law Department  
600 N. US Highway 45

**Address:** Libertyville, IL  
United States

**Tel. No.:** +1-847-523-0668

**Fax. No.:** +1-847-761-4731

**Declaration form version:** 1 March 2007 (Individual, Common Text, General)

**Licensing declaration:** Option 2\_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.

**Patent info:**

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
6987888		US		FREQUENCY COEFFICIENT SCANNING PATHS FOR CODING DIGITAL VIDEO CONTENT	Granted		H264-101-01	
7421025		US		MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL	Granted	(Japan European Patent Convention)	H264-101-02	

				VIDEO CONTENT				
731037 5		US		MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	Grante d	(Japan European Patent Convention)	H264 -101- 03	
731037 4		US		MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	Grante d	(European Patent Convention)	H264 -101- 04	
731037 6		US		MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	Grante d		H264 -101- 05	
731037 7		US		MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	Grante d		H264 -101- 06	
747769 0		US		MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	Grante d	(European Patent Convention)	H264 -101- 07	
781771 8		US		MACROBLOC K LEVEL ADAPTIVE	Grante d	(European Patent Convention)	H264 -101- 08	

				FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT				
7769087		US		PICTURE LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT	Granted	(China P.R. European Patent Convention Republic of Korea Mexico)	H264-101-09	
7660353		US		PICTURE LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT	Granted	(China P.R. European Patent Convention Mexico)	H264-101-10	
7162094		US		FREQUENCY COEFFICIENT SCANNING PATHS FOR DIGITAL VIDEO CONTENT	Granted		H264-101-11	

**ITU-T registration date:** 2010-12-09

**Statement declaration date:** 2010-12-08

**Statement remarks:** Motorola submitted this statement to provide updated information relative to their earlier statement in H.264-30 (submitted 2003-12-19) and in in H.264-91 (submitted 2008-11-3).

**Patent Statement and Licensing Declaration Form for ITU-T/ITU-R Recommendation |  
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<b>* Director</b>	<b>Director</b>	<b>Secretary-General</b>	<b>General Secretary</b>
Telecommunication Standardization Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: <a href="mailto:tsbdir@itu.int">tsbdir@itu.int</a>	Radiocommunication Bureau International Telecommunication Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785 Email: <a href="mailto:brmail@itu.int">brmail@itu.int</a>	International Organization for Standardization 1 Chemin de la Voie-Creuse CH-1211 Geneva 20 Switzerland Fax: +41 22 733 3430 Email: <a href="mailto:patent.statements@iso.org">patent.statements@iso.org</a>	International Electrotechnical Commission 3 rue de Varembe CH-1211 Geneva 20 Switzerland Fax: +41 22 919 0300 Email: <a href="mailto:inmail@iec.ch">inmail@iec.ch</a>

**Patent Holder:**

Legal Name Motorola, Inc

**Contact for license application:**

Name & Department Latonia Gordon, Intellectual Property and Licensing Dept.

Address 1303 E. Algonquin Road, Schaumburg, IL 60196

Tel. +1 847-576-3055

Fax +1 847-538-3666

E-mail Latonia.Gordon@Motorola.com

URL (optional) \_\_\_\_\_

**Document type:**

☒ ITU-T Rec. (\*) ☐ ITU-R Rec. (\*) ☐ ISO Deliverable (\*) ☐ IEC Deliverable (\*)

(please return the form to the relevant Organization)

☒ **Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (\*))** (for common text or twin text, please return the form to each of the three Organizations: ITU-T, ISO, IEC)

☐ **ISO/IEC Deliverable (\*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number H.264(2005)-update I.D Number:H.264-30 submitted December 19,2003

(\*)Title Advanced Video Coding for Generic Audiovisual Services,

**Licensing declaration:**

The Patent Holder believes that it holds granted and/or pending applications for patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):

- ☐ 1. The Patent Holder is prepared to grant a free of charge license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.

Also mark here ☐ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

Also mark here ☐ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not free of charge) to applicants who are only willing to license their patent claims, whose use would be required to implement the above document, on reasonable terms and conditions (but not free of charge).

- ☒ 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.

Also mark here ☒ if the Patent Holder's willingness to license is conditioned on reciprocity for the above document.

- ☐ 3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the patent claims covering the above document.

**Free of charge:** The words "free of charge" do not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, "free of charge" refers to the issue of monetary compensation; i.e., that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

**Reciprocity:** As used herein, the word "reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its essential patent(s) or essential patent claim(s) for implementation of the same above document free of charge or under reasonable terms and conditions.

**Signature:**

Patent Holder

Motorola, Inc.

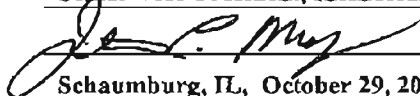
Name of authorized person

Jonathan Meyer

Title of authorized person

Senior Vice-President, Intellectual Property Licensing

Signature



Place, Date

Schaumburg, IL, October 29, 2008

FORM: 1 March 2007



<b>Patent Information</b> (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
<b>No.</b>	<b>Status</b> [granted/ pending]	<b>Country</b>	<b>Granted Patent Number or Application Number (if pending)</b>	<b>Title</b>
1	Granted	US	7,162,094	Frequency Coefficient Scanning Paths For Digital Video Content
2	Granted	US	RE38564	Motion Estimation And Compensation Of Video Object Planes For Interlaced Digital Video
3	Granted	US	5,376,968	Adaptive Compression Of Digital Video Data

**NOTE:** For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

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**Patent Holder:**

Legal Name Motorola, Inc

**Contact for license application:**

Name & Department Latonia Gordon, Intellectual Property and Licensing Dept.

Address 1303 E. Algonquin Road, Schaumburg, IL 60196

Tel. +1 847-576-3055

Fax +1 847-538-3666

E-mail Latonia.Gordon@Motorola.com

URL (optional) \_\_\_\_\_

**Document type:**

☒ ITU-T Rec. (\*) ☐ ITU-R Rec. (\*) ☐ ISO Deliverable (\*) ☐ IEC Deliverable (\*)

(please return the form to the relevant Organization)

☒ **Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (\*)** (for common text or twin text, please return the form to each of the three Organizations: ITU-T, ISO, IEC)

☐ **ISO/IEC Deliverable (\*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number H.264(2005)-update I.D Number:H.264-30 submitted December 19,2003

(\*)Title Advanced Video Coding for Generic Audiovisual Services,

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**Signature:**

Patent Holder

Motorola, Inc.

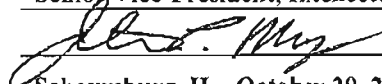
Name of authorized person

Jonathan Meyer

Title of authorized person

Senior Vice-President, Intellectual Property Licensing

Signature



Place, Date

Schaumburg, IL, October 29, 2008

FORM: 1 March 2007

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	US	6,807,317	Method And Decoder System For Reducing Quantization Effects Of A Decoded Image
2	Granted	US	6,836,514	Method For The Detection And Recovery Of Errors In The Frame Overhead Of Digital Video Decoding Systems
3				

*NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.*

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**Patent Statement and Licensing Declaration  
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<b>Director</b>	<b>Director</b>	<b>Secretary-General</b>	<b>General Secretary</b>
Telecommunication Standardization Bureau International Telecommunication Union	Radiocommunication Bureau International Telecommunication Union	International Organization for Standardization	International Electrotechnical Commission
Place des Nations CH-1211 Geneva 20, Switzerland	Place des Nations CH-1211 Geneva 20, Switzerland	1 Chemin de la Voie-Creuse CH-1211 Geneva 20 Switzerland	3 rue de Varembe CH-1211 Geneva 20 Switzerland
Fax: +41 22 730 5853	Fax: +41 22 730 5785	Fax: +41 22 733 3430	Fax: +41 22 919 0300
Email: <a href="mailto:tsbdir@itu.int">tsbdir@itu.int</a>	Email: <a href="mailto:brmail@itu.int">brmail@itu.int</a>	Email: <a href="mailto:patent.statements@iso.org">patent.statements@iso.org</a>	Email: <a href="mailto:inmail@iec.ch">inmail@iec.ch</a>

**Patent Holder:**

Legal Name Motorola, Inc

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Name & Department Latonia Gordon, Intellectual Property and Licensing Dept.

Address 1303 E. Algonquin Road, Schaumburg, IL 60196

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**Signature:**

Patent Holder

Motorola, Inc.

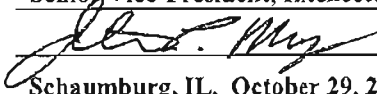
Name of authorized person

Jonathan Meyer

Title of authorized person

Senior Vice-President, Intellectual Property Licensing

Signature



Place, Date

Schaumburg, IL, October 29, 2008

FORM: 1 March 2007

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
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**Recommendation number:** T-REC-H.264

**Statement Id:** H264-30

**Patent holder/Organization:** General Instrument Corp

**Main contact:** Mr. Paul Bawel, Director, Law department

**Address:** 101 Tournament Drive  
Horsham, PA 19044  
United States

**Tel. No.:** +1 215 323 1907

**Fax. No.:** +1 215 323 1300

**Declaration form version:** 15 June 2002 (Common Text)

**Licensing declaration:** Option 2\_ The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, nondiscriminatory basis and on reasonable terms and conditions to use the patented material necessary in order to manufacture, use, and/or sell implementations of the above ITU-T Recommendation | ISO/IEC International Standard. The patent Holder's willingness to license is conditioned on reciprocity for the above ITU-T Recommendation | ISO/IEC International Standard. Negotiations of licenses are left to the parties concerned and are performed out side the ITU-T | ISO/IEC.

**Patent info:**

None
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**ITU-T registration date:** 2003-12-19

**Statement declaration date:** 2003-12-02

**Statement remarks:** (Note by TSB): General instrument corporation is a wholly owned subsidiary of Motorola. Motorola submitted the statement H264-91 on 2008-11-03 and the statement H264-101 on 2010-12-09 to provide updated information relative to this statement (see H264-91 and H262-101).

**DISCLAIMER:** This database is not certified to be either accurate or complete, but only reflects the information that has been communicated to ITU-T secretariat. The references to patents or patent applications have been included as notified to ITU-T secretariat. ITU-T secretariat has not verified the veracity or accuracy of such statements, nor the relevance of the identified patents or patent applications to ITU-T Recommendations.

Patent ID	Pat. No.	Organization	Patent No.	ITU-T Recommendation Ref.	Registration Ref.	Comments	Contact On File
None	H.264 (2005) Amd.3	Motorola Inc.		2007-08-10	28 June 2006 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-101-01	H.264	Motorola Mobility, Inc	6987888	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-02	H.264	Motorola Mobility, Inc	7421025	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-03	H.264	Motorola Mobility, Inc	7310375	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-04	H.264	Motorola Mobility, Inc	7310374	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-05	H.264	Motorola Mobility, Inc	7310376	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-06	H.264	Motorola Mobility, Inc	7310377	2010-12-09	1 March 2007 (Individual,	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a	Ray Warren, Law



					Common Text, General)	worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Department
H264-101-07	H 264	Motorola Mobility, Inc	7477690	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-08	H.264	Motorola Mobility, Inc	7817718	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-09	H 264	Motorola Mobility, Inc	7769087	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-10	H.264	Motorola Mobility, Inc	7660353	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-101-11	H.264	Motorola Mobility, Inc	7162094	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264-81-01	H.264	Motorola Inc.	6005 980	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-81-02	H 264	Motorola Inc.	6 980 596	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

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H264-81-03	H.264	Motorola Inc	5235419	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-91-01	H.264	Motorola Inc	7162094	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-91-02	H.264	Motorola Inc.	RE 38564	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-91-03	H.264	Motorola Inc	5 376 968	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-91-04	H.264	Motorola Inc.	6 807 317	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264-91-05	H.264	Motorola Inc.	6 836 514	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

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**Recommendation number:** T-REC-H.264

**Statement Id:** H264-91

**Patent holder/Organization:** Motorola Inc.

**Main contact:** Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

**Address:** 1303 E. Algonquin Road  
Schaumburg, IL 60196  
United States

**Tel. No.:** +1 847 576 3055

**Fax. No.:** +1 847 538 3666

**Declaration form version:** 1 March 2007 (Individual, Common Text, General)

**Licensing declaration:**

Option 2\_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.

**Patent info:**

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
7162094		US		Frequency coefficient scanning paths for digital video content	Granted		H264-91-01	
RE 38564		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264-91-02	
5 376		US		Adaptive	Granted		H264-	

968				compression of digital video data			91-03	
6 807 317		US		Method and decoder system for reducing quantization effects of a decoded image	Granted		H264-91-04	
6 836 514		US		Method for the detection and recovery of errors in the frame overhead of digital video decoding systems	Granted		H264-91-05	

**ITU-T registration date:** 2008-11-03

**Statement declaration date:** 2008-10-29

**Statement remarks:** Motorola submitted this statement to provide updated information relative to their earlier statement in H.264-30 (submitted 2003-12-19).

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**Recommendation number:** T-REC-H.264

**Statement Id:** H264-81

**Patent holder/Organization:** Motorola Inc.

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**Patent info:**

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
6005 980		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264-81-01	
6 980 596		US		Macroblock level adaptive frame/field coding for digital video content	Granted		H264-81-02	

5235419		US		Adaptive motion compensation	Granted		H264- 81-03	
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**ITU-T registration  
date:**

2007-08-20

**Statement  
declaration date:**

2007-08-10

**Statement remarks:** The statement provides the complementary information to the statment  
H264-30 submitted on 19 December 2003.